

۱۹,۲۵

به دلیل گذشتن نام، نام خانوادگی نفره نشاء (۵) می باشد

15

16

$$(1, 0) \rightarrow -1 = C r^0 \quad b+a \rightarrow e = \frac{-1}{\mu a+b} \quad (r) \checkmark$$

17

18

$$(0, \frac{r}{\mu}) \rightarrow \frac{r}{\mu} = 1 - \frac{\mu^a}{\mu a+b} \rightarrow \frac{1}{\mu} = \mu^{a-a-b} = \mu^{-b} \rightarrow b=1$$

19

20

$$f(-1) = 1 + \left( \frac{\mu^{-b+a}}{-\mu a+b} \right) = 1 - \mu^{-1+a-a-1} = 1 - \mu^{-1} = 1 - \frac{1}{\mu} = \frac{\mu-1}{\mu}$$

21

$$f(x) = \log_r (|x^r - 1 - n|)$$

(K)

$$D = (-\infty, 1) \cup (r, +\infty)$$

①  $\frac{x^r - 1 - n > 0}{x > r, x < -r} \rightarrow x(-1, r)$   
 $\Rightarrow x > r, x < -r$

②  $\frac{x^r - 1 - n < 0}{-r < x < r} \rightarrow x(-1, 1)$   
 $\Rightarrow -r < x < 1$

$$f(-1) = 1 \rightarrow f(-1) = 1 = r + r \rightarrow a + b = r$$

$$f(1) = f(1) \rightarrow -1 - r + r = r + r \rightarrow r = r \rightarrow \frac{b-a}{r} = 1$$

$$\rightarrow rb - a = r - 1 = \boxed{w}$$

$$0 = -r + \left(\frac{1}{r}\right)^{A+B} \rightarrow r^{-A-B} = r \rightarrow -A-B = 1$$

$$f(r) = r = -r + r^{-A-B} \rightarrow r = r^{-A-B} \rightarrow -A-B = 1$$

$$\rightarrow f(r) = -r + \left(\frac{1}{r}\right)^{-r} = -r + r = \boxed{y}$$

$$\frac{1}{\frac{1}{4}} \rightarrow \frac{1}{\frac{1}{9}} \rightarrow \frac{1}{\frac{1}{16}}$$

$$\left(\frac{1}{4}\right)^t = \frac{1}{9} \rightarrow \log\left(\frac{1}{4}\right)^t = \log\frac{1}{9} \rightarrow t(\log 1 - \log 4) = -(\log 3 + \log 3)$$

$$\rightarrow t = \frac{-(\log 3 + \log 3)}{\log 1 - \log 4} \rightarrow \log \frac{1}{4} \rightarrow \log \frac{1}{16} = \frac{1}{16}$$

$$\rightarrow t = \frac{19}{16} \rightarrow \frac{19}{16} \times 9 = 10.8$$

Subject  $\log^r_c = \frac{\omega}{n}$   $\log^v_c = \frac{\omega}{n}$

Year Month Day ( )  $\frac{1210}{1000} = \frac{120}{1000} = \frac{1}{n}$

1  $\frac{1}{v} = \left(\frac{v}{n}\right)^t \rightarrow t = -\log^v_{\frac{v}{n}} = -\frac{1}{\log^v_v - \log^v_v} =$  (9)

2  
3  
4  $\frac{-1}{1 - \frac{v \log^r_v}{\log^v_c}} = \frac{-1}{1 - \frac{10}{20}} = \frac{-1}{1 - \frac{1}{2}} = \frac{-1}{\frac{1}{2}} = 1 \times 2 = 2$

7  $n \times v = 04$  (11)

8  
9  $\frac{100}{1} \rightarrow \frac{44}{100} \rightarrow$  (18) (19)

10  $\times \frac{100}{100} = \frac{44}{100} = \frac{11}{25}$

12  
13  $\frac{1}{r} = \log^r_{\frac{r\varepsilon}{r_0}} \rightarrow t = -\log^r_{\frac{r\varepsilon}{r_0}} = \frac{-\log^r}{\log^r_{\varepsilon} - \log^r_{r_0}}$

14  
15  $= \frac{-0.141}{-0.142} = \frac{-0.141}{-0.142}$  (1.2)

16  $r \log^r + \log^r - r + r \log^r = 0.14 + 0.142 - r + 0.14$

17  $-0.14 = -0.142$

18  $= \frac{-0.141}{-0.142} = \frac{1}{1} = 1$  (1.0) (11)

20 9)  $(0.94)^n = \frac{1}{r}$   $\log (0.94)^n = \log \frac{1}{r} \rightarrow n = \frac{-\log^r}{\log^r_{94} - \log^r_{10}}$

22  $n = \frac{-\log^r}{\log^r_{94} - \log^r_{10}} = 11$



$$\frac{1}{4} = \left(\frac{7}{9}\right)^t \rightarrow t = -\log_{7/9} \frac{1}{4} = \frac{-\log_9 \frac{1}{4}}{+\log_9 \frac{7}{9}} = \boxed{2} \quad (N)$$

$$\frac{\log_9 0 + \log_9 0}{\log_9 0 - \log_9 0} = \frac{\frac{0}{9} + \frac{0}{10}}{\frac{10}{9} - \frac{10}{10}} = \frac{19}{10} \quad \text{is } 40 = 10 \times 4 \quad \text{(سنة)}$$

Subject :

Year

Month

Day

( )

$$(0, r) \rightarrow \log_c^{-b} = -r + 1 = -1 \rightarrow -b = \frac{1}{c} \rightarrow c = \frac{-1}{b} \quad (1)$$

$$b + c = \frac{-r}{c} \rightarrow b - \frac{1}{b} + \frac{r}{c} = 0 \rightarrow r b^2 + r b - r = 0$$

$$\rightarrow b = -\frac{r}{r}, \frac{+1}{r} \rightarrow c = \frac{1}{r} \left[ \frac{-r}{-r} \right] \quad (2)$$

$$\left(-\frac{r}{c}, 0\right) \rightarrow b = \log_c^{-\frac{r}{c} a - b} \rightarrow c = -\frac{r}{c} a - b \rightarrow \log_c b = -\frac{r}{c} a$$

$$\log_c^m b \rightarrow (a+c)b = \left(1 + \frac{1}{c}\right)(-r) = -r \rightarrow a = 1$$

$$(0, r) \rightarrow r = c + \log_a^b \rightarrow c = \log_a^{r0} - \log_a^b \rightarrow c = \log_a^{r0/b} \quad (3)$$

$$(r/r, 0) \rightarrow 0 = \log_a^r - \log_a^b + \log_a^{r/a+b} \quad (4)$$

$$\rightarrow r = \log_a \left( \frac{b}{r/a+b} \right) \rightarrow \frac{r a}{r/a+b} = \frac{b}{r/a+b}$$

$$\rightarrow \log_a \frac{b}{r/a+b} = b \rightarrow \log_a a = -r \leq b \rightarrow \frac{a}{b} = \frac{-r}{r/a+b} = \frac{-r}{r} = \frac{-c}{a}$$